



**PCT**

**(10) International Publication Number**  
**WO 2006/080707 A1**

**(51) International Patent Classification:**  
*A47L 15/48* (2006.01)

[KR/KR]; H-111, LG Life Office, Gaeumjeong-dong, Changwon-si, Gyeongsangnam-do 641-110 (KR).

**(21) International Application Number:** PCT/KR2005/003318

(74) **Agent:** HAW, Yong Noke; 8th Fl. Songchon Bldg., 642-15, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

**(22) International Filing Date:** 6 October 2005 (06.10.2005)

**(81) Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) **Filing Language:** Korean

(26) **Publication Language:** English

**(30) Priority Data:**  
10-2004-0081272    12 October 2004 (12.10.2004)    KR

(71) **Applicant** (for all designated States except US): **LG ELECTRONICS, INC.** [KR/KR]; 20, Yoido-dong, Youngdungpo-ku, Seoul 105-875 (KR).

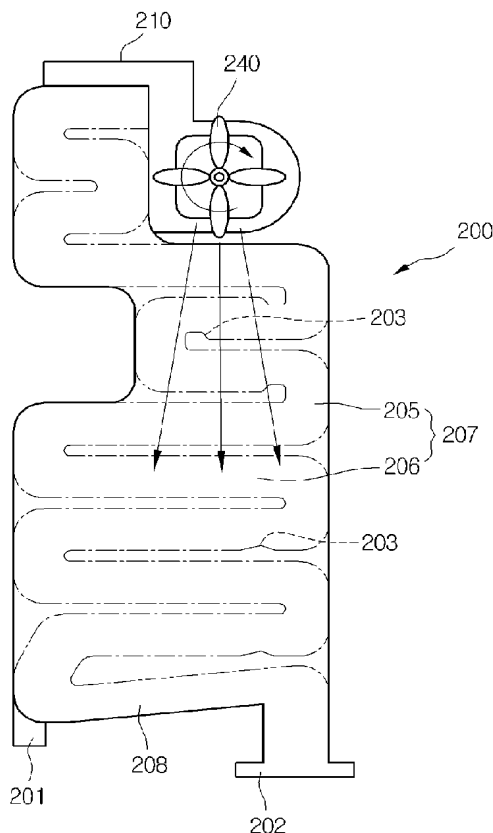
**(84) Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

**(72) Inventor; and**

(75) Inventor/Applicant (for US only): **KIM, Yong Hee**

[Continued on next page]

**(54) Title:** CONDENSING APPARATUS OF DISH WASHER



**(57) Abstract:** A condensing apparatus of a dish washer (100) is provided. The condensing apparatus includes a blower (210) and an air duct (200). The blower (210) suctions vapor from inside a tub (110) of the dish washer. The air duct (200) is connected to the blower (210), and has a vapor passage (207) formed therein through which the vapor flows and in which condensed water is formed. The vapor passage (207) has a ridge (203) formed thereon to stop the condensed water.



FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,  
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*